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JUNE 1948

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BULLETIN OF THE MONTH

**"Food for Families With School Children" Agricultural Information
Series 71**

This is a story on how the Moore family with their four children plan attractive, wholesome meals and at the same time stay within a food budget.

AGRICULTURAL INFORMATION SERIES

Food for families with school children. Bureau of Human Nutrition and Home Economics. 24 p., illus. (IS 71.) Price 10¢. *See above.*

CIRCULARS

Yellows-resistant varieties of cabbage in the early and midseason roundhead groups. J. C. Walker and J. P. Jolivet. Bureau of Plant Industry, Soils, and Agricultural Engineering. 20 p., illus. (C 775.) Price 10¢.

The only feasible means of controlling yellows, an important disease of cabbage, is the use of resistant varieties. This circular brings together data on experiments made with these varieties.

Yellows-resistant cabbage varieties in the Danish Ballhead-Hollander group. J. C. Walker, R. H. Larson, R. E. Foster and J. E. Kuntz. Bureau of Plant Industry, Soils, and Agricultural Engineering. 12 p., illus. (C 776.) Price 10¢.

The only feasible means of controlling yellows, an important disease of cabbage, is the use of resistant varieties. This circular brings together data on experiments made with these varieties.

Red pine management in Minnesota. F. H. Eyre and Paul Zehngraff. Forest Service. 70 p., illus. (C 778.) Price 20¢.

The main objective of this publication is to draw together in one place the most complete and reliable information available on the management of natural red pine stands.

Explanation and interpretation of analyses of irrigation waters. L. V. Wilcox. Bureau of Plant Industry, Soils, and Agricultural Engineering. 8 p., illus. (C 784.) Price 5¢.

The purpose of this circular is to explain and interpret in nontechnical language a chemical analyses of waters used for irrigation.

Improvement of pastures for dairy cattle in middle Tennessee. A. G. Van Horn and J. R. Dawson. Bureau of Dairy Industry. 21 p., illus. (C 786.) Price 10¢.

To provide useful information for dairy farmers in middle Tennessee and the adjacent areas to the north and south, this circular describes the results obtained with grazing animals on 12 experimental plots at Lewisburg, Tenn.

* Compiled by Eleanor W. Clay, Office of Information.

FARMERS' BULLETINS

Marketing eggs. Jos. Wm. Kinghorne. Production and Marketing Administration. 40 p., illus. (F 1378, rev.) Price 15¢.

Methods of marketing eggs, including grading, packing, shipping, and storing, are outlined in this revision.

Diseases of strawberries. J. B. Demaree. Bureau of Plant Industry, Soils, and Agricultural Engineering. 28 p., illus. (F 1891, rev.) Price 15¢.

This revised bulletin describes and gives methods for controlling the most important strawberry diseases in the U. S.

Mint farming. A. F. Sievers and E. C. Stevenson. Bureau of Plant Industry, Soils, and Agricultural Engineering. 30 p., illus. (F 1988.) Price 10¢.

The culture, diseases, pests, harvesting, and distillation of the essential oils of peppermint and spearmint are described.

MISCELLANEOUS PUBLICATIONS

Grain grading primer. Willis B. Combs and Fred G. Smith. Extension Service and Production and Marketing Administration. 61 p., illus. (M 325, rev.) Price 20¢.

The Grain Grading Primer is designed for grain farmers and country grain dealers who are interested in handling grain on a grade and quality basis and for marketing students. It is not designed for grain inspectors, for they must necessarily use a more precise and detailed grain-grading technique than that described herein. This revision includes new material on the grading of soybeans, and covers recent minor changes in the standards.

Distinguishing the species of Brassica by their seed. Albina F. Musil. Bureau of Plant Industry, Soils, and Agricultural Engineering. 35 p., illus. (M 643.) Price 15¢.

The seed characteristics of rape, cabbages, and mustards are described.

How families use their incomes. Bureau of Human Nutrition and Home Economics. 64 p., illus. (M. 653.) Price 30¢. For sale only.

This publication brings together descriptive material on the economic position of families in this country, to show how families spend their incomes for food, housing, clothing, medical care, and other needs and wants.

SOIL SURVEYS

Claiborne County, Tennessee. Series 1939, No. 5. Bureau of Plant Industry, Soils, and Agricultural Engineering in cooperation with the Tennessee Agricultural Experiment Station and the Tennessee Valley Authority. 245 p., illus. Price \$3.25.

This report and the accompanying map present information both general and specific about the soils, the crops, and the agriculture of Claiborne county in the Great Valley of East Tennessee, the northwestern part of Cumberland Mountain.

Lancaster County, Nebraska. Series 1938, No. 15. Bureau of Plant Industry, Soils, and Agricultural Engineering in cooperation with the University of Nebraska. 70 p., illus. Price 60¢.

This report and map present information both general and specific about the soils, the crops, and the agriculture of Lancaster county in southeastern Nebraska.

The Umatilla area, Oregon. Series 1937, No. 21. Bureau of Plant Industry, Soils, and Agricultural Engineering in cooperation with the Oregon Agricultural Experiment Station. 125 p., illus. Price \$1.25.

This report and the map that accompanies the report present information, both general and specific, about the soils, the crops, and the agriculture of nearly 60 percent of Umatilla county in northeastern Oregon.

TECHNICAL BULLETINS

Technical Bulletins Nos. 901-925, with contents. Office of Information. 12 p. Price 5¢.

The titles with table of contents only are given for this group of technical bulletins.

OTHER PUBLICATIONS

Bamboo culture and utilization in Puerto Rico. David G. White. Federal Experiment Station in Puerto Rico. 34 p., illus. (PRC 29.) Price 10¢. For sale only.¹

Biology of the bamboo powder-post beetle in Puerto Rico. Harold K. Plank. Federal Experiment Station in Puerto Rico. 29 p., illus. (PRB 44.) Price 10¢. For sale only.¹

European corn borer. Bureau of Entomology and Plant Quarantine. 1 sheet, illus. (PS 14, rev.) Price 5¢.

Fruits (noncitrus) production, farm disposition, value, and utilization of sales, 1889-1944. Bureau of Agricultural Economics. 106 p. (CS 27.)

Index-catalogue of medical and veterinary zoology. Part 10. Authors: M to MYSH. Bureau of Animal Industry. 1 p. 2967-3481. Price \$1.50.

Quantities of food for serving school lunches. Bureau of Human Nutrition and Home Economics. 18 p. (PA 45.)

PERIODICALS

The agricultural situation. Vol. 32, No. 6, June 1948. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Agriculture decisions. Vol. 7, No. 4. April 1948. Price of single copy varies depending on size. \$2.00 a year, domestic; \$2.50 a year, foreign.¹

Extension service review. Vol. 19, Nos. 6 and 7. June-July 1948. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.¹

Foreign agriculture. Vol. XII, No. 6. June 1948. Price 15¢ a copy, \$1.50 a year, domestic; \$2.00 a year, foreign.¹

Journal of agricultural research. Price \$2.25 a year, domestic; \$3.00 a year, foreign.¹ Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year of 12 numbers each. Free distribution is limited to certain libraries and to noncommercial institutions.

Separate, 5¢ domestic; 8¢ foreign.¹ The prices of separates may vary slightly, depending on their size. A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made.

— Vol. 76, No. 11. June 1, 1948. Illus. Contents:

Segregation in russeted sports of the Grimes apple (Key No. Mich.-53). V. R. Gardner, W. Toenjes, and M. Giefel.

Variability and segregation in the Golden Russet apple (Key No. Mich.-54). V. R. Gardner, W. Toenjes, M. Giefel, and J. C. Kremer.

Segregation in a radially unsymmetrical sport of the Canada Red apple (Key No. Mich.-55). V. R. Gardner, W. Toenjes, and M. Giefel.

Contribution of inbred lines to the resistance of hybrid dent corn to larvae of the early summer generation of the European corn borer (Key No. K-344). L. H. Patch and Ray T. Everly.

The significance of available calcium as a factor limiting growth of *Azotobacter* at pH levels below 6.0 (Key No. Kans.-102). P. L. Gainey.

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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☐ IS 71

☐ C 775

☐ F 1378

☐ M 325

☐ C 776

☐ F 1891

☐ M 643

☐ C 778

☐ F 1988

☐ C 784

☐ C 786

Others-----

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— Vol. 76, No. 12. June 15, 1948. Illus. Contents:

Effect of different varieties and ages of sorghum on the biology of the chinch bug (Key No. K-346). R. G. Dahms.

Effect of nitrogen, phosphorus, and potassium on susceptibility of tomatoes to *Alternaria solani* (Key No. G-1385). H. Rex Thomas.

Reaction of alfalfa varieties, selections, and hybrids to *Ascochyta imperfecta* (Key No. Kans.-103). L. P. Reitz, C. O. Grandfield, M. L. Peterson, G. V. Goodding, M. A. Arneson, and E. D. Hansing.

News for farmer cooperatives. Vol. 15, No. 3. June 1948. Price 10¢ a copy, \$1.00 a year, domestic; \$1.40 a year, foreign.¹

Rural electrification news. Vol. 13, Nos. 11 and 12. June-July 1948. Price 15¢ a copy, 75¢ a year, domestic; \$1.00 a year, foreign.¹

Soil conservation. Vol. XIII, No. 11. June 1948. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

MOTION PICTURES

The Motion Picture Service, Office of Information, U. S. Department of Agriculture, produces and distributes motion pictures on subjects with which the Department is concerned. They are both sound and silent and are released in 16-mm. and 35-mm. widths. Films in the 16-mm. size are available from State film libraries; 35-mm. films are available only from Motion Picture Service. They are lent to responsible agencies and persons or may be purchased outright. Prints of Department films may be obtained from 76 cooperating film libraries in the 48 States, and the Territories of Alaska, Hawaii, and Puerto Rico.

THE EUROPEAN CORN BORER. 16 mm., sound, in color, released 1948. Running time 10 minutes.

Corn borers infest a fair portion of the 90,000,000 acres devoted to corn and are estimated to cause losses of 50,000,000 bushels of corn each year. With the aid of the close-up camera, we see in interesting detail the life-cycle of the corn borer. The film discusses control measures, tells the farmer how to recognize and where to find the insect eggs and the best times to use insecticides. Various insecticides are reviewed and different types of spraying equipment are shown. A timely, informative and instructional film which should go a long way in helping to increase our feed and food supplies of corn. Available from cooperating libraries in 28 states where the European corn borer has been known to prevail.

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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